

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| S1    | 65   | (auto-crop\$4) or (auto adj crop\$4) or autocrop    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/03/23 10:27 |
| S2    | 2117 | (key adj frame) or (key adj frame\$2)               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/08/05 14:05 |
| S3    | 116  | auto-with crop\$4                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/03/23 10:36 |
| S4    | 0    | ((auto with crop\$4) and image) and (Key adj frame) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2003/06/17 10:31 |
| S5    | 24   | (auto with crop\$4) and image                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2002/12/23 14:06 |
| S6    | 0    | 345/434.ccls.                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2002/12/26 13:55 |
| S7    | 0    | 345/216.ccls.                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2002/12/26 13:56 |
| S8    | 4396 | 358/443,447,448,450,452,487, 471,506,515,517.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2002/12/27 14:09 |
| S9    | 713  | 358/487,450.ccls.                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2002/12/27 14:05 |

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| S10 | 17   | 345/629,630,631,589,591,592.<br>ccls. and 358/443,447,448,450,<br>452,487,471,506,515,517.ccls.                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2002/12/27 14:08 |
| S11 | 17   | 345/629,630,631,589,591,592.<br>ccls. and (358/443,447,448,450,<br>452,487,471,506,515,517.ccls.)                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2002/12/27 14:09 |
| S12 | 0    | 358/443,447,448,450,452,487,<br>471,506,515,517.ccls. and ((auto<br>with crop\$4) and image) and (Key<br>adj frame) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2002/12/27 14:10 |
| S13 | 5    | 358/443,447,448,450,452,487,<br>471,506,515,517.ccls. and (auto<br>with crop\$4)                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2002/12/27 14:11 |
| S14 | 0    | 345/629,630,631,589,591,592.<br>ccls. and (auto with crop\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2002/12/27 14:11 |
| S15 | 1385 | 345/629,630,631,589,591,592.<br>ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2002/12/27 14:15 |
| S16 | 0    | (auto with crop\$4) same image<br>same (Key adj frame)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/23 10:22 |
| S17 | 45   | (auto with crop\$4) same image<br>same frame  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2003/06/17 13:17 |
| S18 | 50   | (auto with crop\$4) same image<br>and frame   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2003/06/17 13:56 |
| S19 | 4    | (auto with clip\$4) same image and<br>frame   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2003/06/17 14:25 |

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| S20 | 7    | ((auto-crop\$4 or (auto adj crop\$4))) and video   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2003/06/17 16:37 |
| S21 | 21   | (auto-crop\$4 or (auto adj crop\$4))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/02/04 17:06 |
| S22 | 1    | ((key adj frame) or (key adj frame\$2)) and ((auto-crop\$4) or (auto adj crop\$4) or autocrop) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/02/04 17:18 |
| S23 | 4    | ((key adj frame) or (key adj frame\$2)) same crop\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/02/04 17:19 |
| S24 | 0    | (auto with crop\$4) same (Key adj frame)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/23 10:22 |
| S25 | 1    | ((auto-crop\$4) or (auto adj crop\$4) or autocrop) and (key adj frame)                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/23 10:30 |
| S26 | 3    | ((auto-crop\$4) or (auto\$8 adj crop\$4) or autocrop) and (key adj frame)                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/23 10:31 |
| S27 | 1539 | auto\$8 with crop\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/23 10:38 |
| S28 | 558  | S27 and frame  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/06 15:16 |
| S29 | 24   | (auto\$8 adj3 crop\$4) same frame  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/23 10:38 |

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| S30 | 1551 | auto\$8 with crop\$4                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/06 15:16 |
| S31 | 98   | S30 and frame and (sequenc\$5<br>same imag\$4)      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/06 15:17 |
| S32 | 22   | S30 and frame and (sequenc\$5<br>adj3 imag\$4)      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/06 15:17 |
| S33 | 6    | S30 and frame same (sequenc\$5<br>adj3 imag\$4)     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/06 15:18 |
| S34 | 264  | auto\$8 adj crop\$5                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/27 10:31 |
| S35 | 0    | (auto\$8 adj crop\$5) same active<br>same frame     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/27 10:32 |
| S36 | 0    | (auto\$8 adj crop\$5) same active                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/27 14:32 |
| S37 | 0    | (determ\$8 adj active) same region<br>same opac\$6  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/27 14:34 |
| S38 | 0    | (determ\$8 adj3 active) same<br>region same opac\$6 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/27 14:34 |
| S39 | 212  | 345/620.ccls.                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/10 15:46 |

*INTERFERENCE SEARCH*

| Ref # | Hits | Search Query                              | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| S17   | 45   | (auto with crop\$4) same image same frame | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2003/06/17 13:17 |
| S18   | 50   | (auto with crop\$4) same image and frame  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2003/06/17 13:56 |